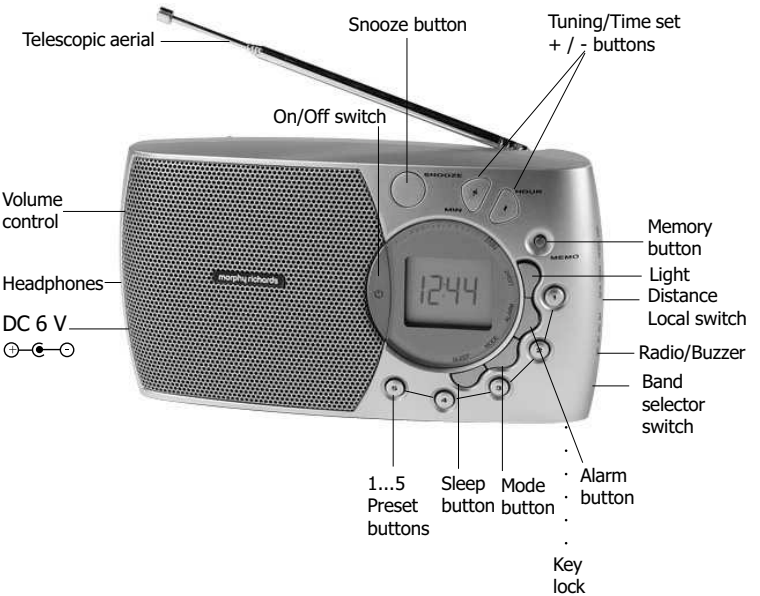
morphy richards

4 Band portable radio

with PLL digital tuning

27004 OPERATING INSTRUCTIONS

ILLUSTRATION



CONTROLS

⏻ - Switches the radio on and off
Switches off the alarm (radio or buzzer) when alarm function is activated
Switches off the radio before preset 'sleep' time has elapsed

SNOOZE - Interrupts the alarm for approximately 5 minutes

+/- Tuning/clock set - For setting the clock and alarm time.
When radio is on, to start the station search (AUTO TUNING) or to advance the frequency step by step (MANUAL TUNING)

MEMORY - Stores the tuned station in the memory position you choose

LIGHT- Illuminates the display

DIST/LOCAL- Reduces sensitivity during FM or SW reception

RADIO/BUZZ - Sets the alarm to radio or buzzer

ALARM - Switches the alarm function on and off

BAND SELECTOR - Selects the waveband:
MW - Mediumwave; **LW** - Longwave;
SW - Shortwave; **FM** - VHF

MODE -To enter the time and alarm time setting modes
Changes the display information

SLEEP - Switches on the radio for max. 90 minutes

KEY LOCK - (base of the set) to lock all buttons

1....5 - station memory presets

DC 6 V ⊙—⊂—⊙ connection socket for a mains adaptor
HEADPHONES - you can connect headphones with a 3.5 mm plug to the socket. The loudspeaker is then muted.

VOLUME CONTROL - to adjust the volume

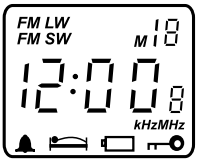
CONTROLS

Back of the set

-Battery compartment
-Fold out stand

Display

- Pressing the **MODE** button will briefly change the display mode:
  -When the radio is off, the display indication changes between time and alarm time.
  -When the radio is on the display changes between radio frequency, time and alarm time.
  -If no button is pressed within 5 seconds, the display returns to the original indication.



POWER SUPPLY

Battery supply

- Open the battery compartment and insert 4 batteries, type LR6, UM3 or AA cells. Ensure correct polarity is observed.
- The battery low indicator lights up on the display, when the batteries are nearly exhausted.

Back-up batteries for preset memory

In order to keep the presets stored in the memory during the time that the unit is switched off, it is necessary to insert two additional back-up batteries.

- Place these batteries size RO3, AAA, alkaline type in the battery compartment.
- These batteries should always be inserted, regardless of the power supply (mains voltage or batteries).

If the unit is not to be used for a prolonged period, remove the batteries to avoid battery leakage.

In the interests of environmental safety, dispose of batteries safely.

AC MAINS ADAPTOR (SUPPLIED)

You can connect the set to the mains using a mains adaptor. Only use a mains adaptor which supplies **DC 6 V** with the negative pole at the centre pin of the plug (⊖—●—⊕).

- Check that the mains voltage indicated on the rating plate of the adaptor matches your local mains voltage.
- If the mains adaptor is equipped with a voltage selector, set this to the local voltage.
- Connect the mains adaptor to the **DC 6 V** socket of the set and to the wall socket.

-The mains supply is switched on.

Note: If the **DC 6 V** socket is in use, the batteries will be switched off automatically.

Note: If the unit is connected to the mains even when it is switched off. The unit is only fully isolated from the mains if the wall plug is removed from the wall socket.

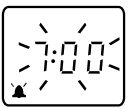
CLOCK

Setting the clock time

- While the time is being displayed, press the **MODE** button and hold it pressed, until the time indication starts flashing.
- Use the **-** button to set the hours and the **+** button to set the minutes.
  -A single press of the **-** or **+** button advances the setting by 1 hour or 1 minute respectively. If the button is held pressed the setting advances rapidly.
- Press the **MODE** button once more to store the setting.
  -If no button is pressed within 5 seconds, the time setting mode stops and the setting is stored automatically.

ALARM

Setting the alarm time



- Press the **MODE** button briefly until the display shows the current alarm time.
  -The alarm indicator flashes on the display.
- While the alarm time is indicated, press and hold down the **MODE** button until the alarm time indicator starts flashing.
- Use the **-** button to set the hours and the **+** button to set the minutes.
- Press the **MODE** button once more to store the setting.
  -If no button is pressed within 5 seconds,the alarm time setting mode stops and the setting is stored automatically.

Switching on the alarm

- Press the **ALARM** button once until the alarm indicator appears steadily on the display.
- Select the desired alarm mode (with radio or with buzzer) with the **RADIO/BUZZER** switch.
- If you select alarm with radio, tune to a station which will be broadcasting at the alarm time and adjust the volume control to the required level.
  -At the preselected alarm time, the alarm will switch on and switch off again automatically 90 minutes later.

Interrupting and repeating the alarm

- The alarm can be interrupted with the **SNOOZE** button.
  -After 5 minutes, the alarm comes on again.
- It is possible to interrupt the alarm function several times during the switch-on period.

Switching off the alarm

- The alarm function can be switched off by pressing the **On/OFF** or **ALARM** button. The alarm remains set to operate the next day.
- If you wish to switch off the alarm completely, press the **ALARM** button briefly, until the alarm indicator disappears.

RADIO

Radio reception

- Switch the radio on and off with the ⏻ button.
  -The frequency and the wave band will appear on the display.
- Select the desired waveband with the **BAND SELECTOR** switch.
- Adjust the volume by turning the **VOLUME CONTROL**.

Aerials

- For FM reception extend the telescopic aerial fully. To improve the reception you can incline and rotate the aerial. If the FM signal received is too strong (in direct vicinity of the transmitter) you can retract the aerial.
- For MW and LW reception, the set has a built in aerial, so the telescopic aerial is not needed. You can direct the aerial by turning the radio.
- For short wave reception (SW) extend the telescopic aerial and position it vertically.

Selecting distant or local

- Slide the **DISTANCE/LOCAL** selector to the **LOCAL** position to reduce interference and distortion when listening to strong FM or SW stations. This causes the signal to be weakened, thus reducing interference.

  The switch should normally be left in the **DISTANCE** position.

Automatic tuning

- To activate automatic station search (auto tuning), press **+** or **-** until the frequency display begins 'to run', then release the button.
  -The search stops as soon as a station is located.
  -Stations which are received with a weak field strength may be skipped. These can be tuned manually by pressing the **+** or **-** button.

Manual tuning

- Briefly press the **+** or **-** button to tune in the corresponding direction in individual steps.
- If you keep the button depressed, you can rapidly scan large frequency ranges.
  -When the button is released, auto tuning is automatically selected.
- If you briefly press one of the **+** or **-** buttons, manual tuning is selected.

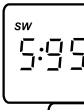
Last station memory

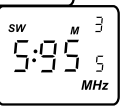
- Your unit is provided with the function '**LAST STATION MEMORY**'. The station playing when the radio was switched off will automatically be selected.

Storing stations

You can programme 20 stations into the memory, 5 on each waveband.

- Select the waveband with the **BAND SELECTOR** switch.
- Tune to the station you want to store.
- Press the **MEMORY** button.
  -The indication 'M' starts flashing on the display for 5 seconds.
- Press the preset number button **(1....5)** to assign the station.
- Press **MEMORY** button again to store the station.
- Select and store all desired stations in each memory location.

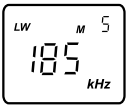




Note: If a station is not stored within 5 seconds 'M' is flashing, the storing mode is abandoned with no change to the current memory.

Calling up a stored station

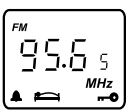
- Select the waveband with the **BAND SELECTOR** switch.
- To call up a stored station, simply press the corresponding button.
  -The unit switches to the station and the display indicates the waveband, frequency, 'M' and the memory location number.



Sleep function

- Press the **SLEEP** button briefly.
  -The unit switches on the radio and the display will show the previous set 'sleep' period.
- The 'sleep' time can be adjusted from 90 minutes -->10 minutes by pressing the **SLEEP** button continuously.
  -After the preset sleep time has elapsed, the radio will switch off automatically.
- The **SLEEP** function can be terminated by pressing the **ON/OFF** ⏻ button.

Key Lock



The key lock function is used to prevent accidental operation or changes to the settings. (e.g. when travelling, etc).

- Set the key lock switch to the lock position.
  -The lock indicator lights up on the display.
- Now you can only adjust **VOLUME CONTROL, BAND SELECTOR** switch, **DISTANCE/ LOCAL** and **RADIO/BUZZER** switch.
- To disable this function, set the key lock switch back to the unlock position.
  -The lock indicator disappears from the display.

Use of the stand

- Fold out the stand on the rear of the set. You can now use the set in an inclined position.

Maintenance

Do not expose your clock radio to extremes of temperature. The product should be kept in a warm environment free from dust and damp.
For external cleaning use only a soft, clean, damp cloth. Use of detergents may damage the finish.

GENERAL

Technical specification

Wavebands	**MW**	522 - 1620 kHz
	LW	144 - 281 kHz
	SW	5.950 - 15.600 MHz
	FM	87.5 - 108 MHz

Power output	800 mW peak power	
Battery	:	4 x AA batteries (not included)
Station memory	:	2 x AAA batteries (not included)
Adaptor	:	Model F4 -3537-14
		Input power 230v ~ 50Hz
		Output 6V DC 200mA ⊖—●—⊕

Warning labels

WARNING: to reduce the risk of electric shock, do not expose this appliance to rain or moisture or dripping or splashing.

ATTENTION: To reduce the risk of electric shock, do not remove the cover. There are no user serviceable parts inside the unit. Refer any servicing to qualified personnel.

Using your radio in Europe

When using your radio in Europe the BBC World Service can be heard on the following wavebands and frequencies:-

WAVEBAND	**FREQUENCY IN MEGAHERTZ (MHz)**		
SW1	6.180	6.195	
SW2	7.115	7.120	7.150 7.325
SW3	9.410		
SW4	11.780	11.785	
SW5	15.485	15.575	
SW6	17.640	17.705	

IMPORTANT

Not all the frequencies will be audible in all parts of Europe, the listener should try each frequency in turn as some are not used all the time and can change according to atmospheric conditions or because of interference.

Further information can be obtained from:-

BBC World Service, Bush House, London WC2B 4PH

Tel: +44-(0)171-240-3456 Fax: +44-(0)171-257-8258

E-mail: worldservice.letters@bbc.co.uk Web:www.bbc.co.uk

If a fault occurs, first check the points listed below before taking the set for repair. If you are unable to remedy a problem by following these hints, telephone our technical helpline number.

TROUBLESHOOTING

Problem	**Cause**	**Solution**
⏻ button does not work	**Key lock** switch is activated	Switch off the **key lock** function
No sound	Volume is not adjusted. Headphones are connected. Batteries are exhausted. Batteries are incorrectly inserted. Mains adaptor is not securely connected.	Adjust the volume. Disconnect the headphones. Insert new batteries. Insert the batteries correctly. Connect the mains adaptor properly.
Poor quality sound	Batteries are nearly exhausted (▭ indicator lights up)	Insert new batteries or use a mains adaptor.
Poor radio reception	Weak radio aerial signal Set too close to TV, VCR or computer.	Adjust the aerial for best reception: FM incline and rotate telescopic aerial. MW/LW: rotate the entire set. SW: extend telescopic aerial vertically. Keep the set away from electrical equipment.
Alarm does not work	Alarm time is adjusted. Headphones are connected.	Adjust the alarm time. Disconnect the headphones.
Set does not react to operation of any button	Electrostatic discharge **Key lock** switch is activated	Switch off the set, disconnect the mains adaptor / remove batteries, reconnect after a few minutes. Switch off the **key lock** function.

GUARANTEE

Morphy Richards products are manufactured to internationally accepted quality standards. In addition to your statutory rights, Morphy Richards guarantee your product to be free from manufacturing and component defects for a period of TWO YEARS from date of purchase.

If your product proves to be defective within 28 days of purchase, your Morphy Richards dealer from whom the product was purchased will be pleased to replace it free of charge.

Should your product develop a defect within the guarantee period but after the replacement period, please return the product to the following address, together with the proof of purchase, brief details of the symptoms and your own name and address.

Morphy Richards Limited
Talbot Road
Mexborough
South Yorkshire
S64 8AJ

Your post office will provide a certificate of posting. The product will be repaired and returned to you promptly.

If you need any further advice, please call our Helpline (UK local rate) on: 08450 777700 (Mon-Fri)

Morphy Richards Website: www.morphyrichards.co.uk

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